

Appendix D4 – Management Programs (Litter and Floatables)

Litter and Floatables

Waste reduction is the preferred method in the solid waste management hierarchy. Reductions in waste generation lessen the burden of solid waste management by decreasing the amount of material entering the system. The waste reduction plan reflects a multi-faceted approach.

The curbside collection of waste and recyclables is available to residents and services are provided by local trash collection companies. Residents who do not subscribe to a curbside collection service may drop-off material at the HWDC. A 2014 phone survey indicated about 85 percent of all residents recycle with about 80 percent subscribing to a curbside collection program and about four percent self-hauling to the HWDC.

Media Outlets

The County has consistently spent considerable resources targeting County residents with various forms of advertisement through local radio, newspapers, magazines, and website ads. In addition, the Office of Recycling maintains a website, www.Harfordrecycles.org which includes in-depth information on the importance of waste reduction and information regarding all the recycling programs available for County residents. The website is updated frequently to highlight seasonal programs and events such as Christmas tree recycling and grass cycling. The Harford County Reuse Guide is maintained on this website as well as a list of frequently asked questions. Brochures are available for Harford County residents both on the website and in print. Topics include grass cycling, single stream recycling, business recycling, textile and electronics recycling, used motor oil and antifreeze recycling, general recycling available at the HWDC, and mulch and compost information.

Social media has become a critical tool for outreach and education. The Office of Recycling maintains an active Facebook page <https://www.facebook.com/HarfordCountyRecycling> which encourages communication and engagement with residents and businesses concerning waste reduction and recycling opportunities. The Facebook page allows the Office of Recycling to post educational information, address questions, and promote recycling. Contests and giveaways are employed to encourage participation and discussion on the page.

School Programs

Harford County Public Schools recognizes the importance of recycling, and as such, every fourth grade science class in the Harford County Public School system provides lessons designed to teach the importance of waste reduction and recycling. The Office of Recycling provides presentations, lessons, and activities to accompany the curriculum. This support extends to middle and high schools and school groups are also encouraged to visit the HWDC to see landfilling and recycling in action.

The Office of Recycling also supports school participation in the Maryland Association for Environmental and Outdoor Education (MAEOE) Green School Program. The Harford County Office of Recycling has been certified as a Green Leader to fully engage and assist with application completion, presentations, lessons and activities, teacher training, and coordinating/creating community partnerships for completion of outlined program objectives.

Community Programs

Community outreach is another important aspect of public education. Community groups are encouraged to contact the Office of Recycling and schedule presentations and tours of the HWDC. In addition, the Office of Recycling participates in local special events, expos, fairs, and business events to highlight recycling.

Business Program

Businesses are also encouraged to recycle through the Partners in Recycling program. This program recognizes businesses who are recycling with a display sticker, a listing on our website, and inclusion in media advertising. The Office of Recycling aids businesses looking to recycle in the form of waste assessments, educational materials, and training sessions in waste reduction and recycling. The Office of Recycling also reaches out to businesses and offers on-site visits to discuss business recycling opportunities and the result on their bottom-line. Businesses that are recycling are encouraged to apply for recognition through the annual Business Recycling Awards program. Awards are given to businesses who demonstrate a commitment to recycling and source reduction in their organization. Award winners receive a plaque during a public award ceremony and are included in an announcement through various media outlets.

Business recycling in Harford County is strictly voluntary. Unfortunately, many businesses do not recycle which is evident by significant quantities of recyclables observed entering the landfill for disposal. Whenever large quantities of recyclables are received, the County attempts to track the origin of the load and pinpoint the business that generated the recyclables. Some conversations with these business owners indicate that (1) the local trash collection companies market their services in ways that do not lessen the business owner's costs for recycling and/or (2) it is corporate policy not to recycle unless local government laws require recycling.

Parks and Recreation Programs

As part of the Harford County Land Preservation, Parks, and Recreation Plan, the Department identified recycling and other conservation practices as part of the overall strategic plan. Working in partnership with Harford County Public Schools, Parks and Recreation began a pilot program to implement single stream recycling at all public school stadiums and then expanded the program to include all school sites as part of a County-wide implementation at all Department parks and facilities. Because of the successful partnership with Harford County Public Schools,

the Department of Parks and Recreation fully implemented single stream recycling at all parks, centers, offices, sports fields, and special events. Working in cooperation with the Harford County Office of Sustainability and the Division of Environmental Services, Recycling Office, Parks and Recreation purchased 400 additional recycling containers, lids, and signage to implement the “Recycling Just Like at Home” program.

Computer and Electronic Program

The proliferation of computer and consumer electronics has resulted in continued growth in this portion of the U.S. waste stream. Electronic recyclables include computers, non-CRT computer monitors, computer peripherals, non-CRT televisions, stereophonic equipment, VCRs, DVRs, cellphones, and similar electronic products. Harford County has a contract in place with an eCycling vendor. Harford County intends to continue to offer this service to County residents and businesses in the future.

Household Hazardous Waste Program

Household hazardous waste was collected from residents at four dedicated events during this reporting period. To be accepted, all items must be in containers with quantities normally found in retail stores. Items accepted included oil-based paints and stains, solvents, herbicides, pesticides, mercury thermometers, mercury containing thermostats, fluorescent light tubes and CFLs, pool chemicals, caustic cleaners, acids, and other items that may cause harm if not safely handled or applied.

		Litter	Lbs. of	Lbs. of	Adopt- A-	Adopt- A- Road	Adopt- A- Road	NOA	NOA
		Control	Solid Waste	Recyclables	Road	Solid Waste	Recyclables	Solid Waste	Recyclables
<u>Date</u>	<u>Tires</u>	<u>Miles</u>	<u>Collected</u>	<u>Collected</u>	<u>Miles</u>	<u>Collected</u>	<u>Collected</u>	<u>Collected</u>	<u>Collected</u>
July-20	3	64.5	5910	681	4.1	60	55	11775	0
August-20	44	47.1	3700	1489	1.7	620	20	320	480
September-20	30	43.7	3105	586	10.6	310	54	68160	5140
October-20	27	46.6	2866	2895	8.0	282	182	0	0
November-20	26	40.7	2446	966	22.4	680	205	0	0
December-20	133	53.6	5542	6016	12.0	375	95	0	0
January-21	13	77.5	9345	2352	11.4	340	70	0	0
February-21	34	40	4115	2525	1.6	80	40	0	0
March-21	42	51.5	7427	2503	16.8	2830	1530	0	0
April-21	7	47.6	4159	473	18.8	570	340	0	0
May-21	3	48.9	6192	479	17.5	638	50	840	0
June-21	30	42.9	4639	1522	16.8	1160	160	150	0
Totals	392	604.6	59446	22487	141.7	7945	2801	81245	5620

Litter Control Miles

604.6

Adopt-A-Road Miles

141.7

Total Miles For Fiscal Year

746.3

Adopt-A-Road Signed Contracts

101

Recyclables Collected in Lbs.

22,487

Adopt-A-Road Recyclables Collected In Lbs.

2,801

NOA Recyclables Collected in Lbs.

5,620

Total Recyclables Collected In Lbs.

30,908

Solid Waste Collected in Lbs.

59446

Adopt-A-Road Solid Waste Collected In Lbs.

7,945

NOA Solid Waste Collected in Lbs.

81,245

Solid Waste Collected in Lbs.

148,636

2021 HARFORD COUNTY OFFICE OF RECYCLING OUTREACH LOG				
Name	Date	# Participants	POC	Program Type
HC Green School Scoring	4/4/2021	10	Wendy Doring	Waste Reduction & RecyclingEducation Curriculum Development
MAEOE Green School Conference	2/7/2021	500	MAEOE	Waste Reduction & RecyclingEducation Curriculum Development
HC Green School App Review	3/14/2021	10	Wendy Doring	Waste Reduction & RecyclingEducation Curriculum Development
CM Wright Stem Team	3/11/2020	20	Linn Griffiths	Tour
MAEOE Green School Planning Meeting	1/14/2020	20	Winne Tang	Waste Reduction, Recycling and Compost Present
MAEOE HC Virtual Lunch and Share Webinars	5/2/2020	40	MAEOE	Waste Reduction, Recycling and Compost Present
MAEOE HC Virtual Lunch and Share Webinars	6/24/2020	40	MAEOE	Waste Reduction, Recycling and Compost Present
MAEOE HC Virtual Lunch and Share Webinars	7/10/2020	40	MAEOE	Waste Reduction, Recycling and Compost Present
MAEOE HC Virtual Lunch and Share Webinars	7/17/2020	40	MAEOE	Waste Reduction, Recycling and Compost Present
MAEOE HC Virtual Lunch and Share Webinars	7/24/2020	40	MAEOE	Waste Reduction, Recycling and Compost Present
MAEOE HC Virtual Lunch and Share Webinars	7/29/2020	40	MAEOE	Waste Reduction, Recycling and Compost Present
MAEOE HC Virtual Lunch and Share Webinars	8/14/20	40	MAEOE	Waste Reduction, Recycling and Compost Present
MAEOE HC Virtual Lunch and Share Webinars	8/21/20	40	MAEOE	Waste Reduction, Recycling and Compost Present
MAEOE HC Virtual Lunch and Share Webinars	8/26/20	40	MAEOE	Waste Reduction, Recycling and Compost Present
MAEOE HC Virtual Lunch and Share Webinars	9/3/20	40	MAEOE	Waste Reduction, Recycling and Compost Present
Master Gardener Meeting	1/9/2020	50	Joyce Browning	Waste Reduction, Recycling and Compost Present
Harford County Environmental Advisory Board	1/21/2020	30	HC Committee Chair	Waste Reduction, Recycling and Compost Present
Winter Agronomy Meeting- Farm Bureau	2/11/2020	200	Andy Kness	Waste Reduction, Recycling and Compost Present
Black Horse 4-H	3/3/2020	40	Janet Archer	Waste Reduction, Recycling and Compost Present
Master Gardener Zoom Meeting	4/22/2020	50	Joyce Browning	Waste Reduction, Recycling and Compost Present
Master Gardener Zoom Meeting	5/6/2020	50	Joyce Browning	Waste Reduction, Recycling and Compost Present
Master Gardener Zoom Meeting	6/4/2020	50	Joyce Browning	Waste Reduction, Recycling and Compost Present
Maseter Gardener Virtual Meeting	7/2/20	50	Joyce Browning	Waste Reduction, Recycling and Compost Present
Harford Glenn Virtual Landill and Recycling	7/18/2020	300	Ruth Eisenhower	Waste Reduction, Recycling and Compost Present
Master Gardener Virtual Meeting	8/6/20	50	Joyce Browning	Waste Reduction, Recycling and Compost Present
Master Gardener Virtual Meeting	9/3/20	50	Joyce Browning	Waste Reduction, Recycling and Compost Present
Master Gardener Virtual Meeting	10/1/20	50	Joyce Browning	Waste Reduction, Recycling and Compost Present
Master Gardener Virtual Meeting	11/5/20	50	Joyce Browning	Waste Reduction, Recycling and Compost Present
Master Gardener Virtual Meeting	12/3/20	50	Joyce Browning	Waste Reduction, Recycling and Compost Present
Harford County Virtual Ag Holiday Recycling	12/31/2020	30	Andy Kness	Waste Reduction, Recycling and Compost Present
Churchcreek Elem. Health & Wellness Night	1/14/2020	100	Church Creek Green	Waste Reduction, Recycling and Compost Present
Jarrettsville Elementary School	2/21/2020	300	David Hagen	Waste Reduction, Recycling and Compost Present
Bakerfield Elementary School	2/24/2020	400	Kristina McGee	Waste Reduction, Recycling and Compost Present
Jarrettsville Elem School Staff	2/21/2020	100	David Hagen	Waste Reduction, Recycling and Compost Present
Bakerfield Elementary School	2/24/2021	100	Kristina McGee	Waste Reduction, Recycling and Compost Present
		3060		

FY 2021 Outreach Summary Log	
Waste Reduction and Recycling Education Curr. Develop.	3
Tours	1
Virutal and Non Virtual	10
Waste Reduction, Recycling and Compost Present	31
Total Events	45
Participants	3060

HOUSEHOLD HAZARDOUS WASTE DAY SCHEDULE 2021

Tuesday, February 2

Saturday, May 1

Tuesday, August 3

Saturday, November 6

8 a.m. - 12 p.m.

Harford Waste Disposal Center

Mulch & Compost Facility | 3135 Scarboro Road, Street

HARFORD COUNTY RESIDENTS ONLY

For a list of acceptable items visit: www.harfordcountymd.gov/HHW

FREE on site document shredding also available on May 1 & November 6